

WHAT IS CLAIMED IS:

1. A method for processing a network management message comprising:
receiving a network management message;
parsing the network management message into a plurality of fields; and
5 for each of a plurality of client consoles each having filtering criteria, if the
fields satisfy the filtering criteria, communicating the fields to the client console for
display by the client console.
- 10 2. The method of Claim 1, wherein the network management message
comprises American Standard Code for Information Interchange (ASCII) text.
3. The method of Claim 1, wherein the filtering criteria for each of the
client consoles comprise a message type.
- 15 4. The method of Claim 1, wherein the filtering criteria for each of the
client consoles comprise a user type for the client console.
- 20 5. The method of Claim 1, wherein the filtering criteria comprise a
message type and a user type, and the fields satisfy the filtering criteria if a value for a
selected one of the fields matches the message type and the user type indicates an
authorization to receive the message.
- 25 6. The method of Claim 1, further comprising:
receiving a request from a new client console, the request comprising an
identifier for the new client console filtering options selected for the new client
console;
determining a user type for the new client console based on the identifier; and
generating filtering criteria for the new client console based on the filtering
options and the user type.
- 30 7. The method of Claim 6, further comprising generating an entry in a
filter table comprising the identifier and the filtering criteria.

5

generating a second message comprising the fields and the client identifier;

communicating the second message to the client.

[illegible]

9. Logic for processing a network management message, the logic encoded in a storage medium and operable to:

receive a network management message;

parse the network management message into a plurality of fields; and

5 for each of a plurality of client consoles each having filtering criteria, if the fields satisfy the filtering criteria, communicate the fields to the client console for display by the client console.

10 10. The logic of Claim 9, wherein the network management message comprises American Standard Code for Information Interchange (ASCII) text.

11. The logic of Claim 9, wherein the filtering criteria comprise a message type and a user type, and the fields satisfy the filtering criteria if a value for a selected one of the fields matches the message type and the user type indicates an
15 authorization to receive the message.

12. The logic of Claim 9, further operable to:
receive a request from a new client console, the request comprising an identifier for the new client console filtering options selected for the new client
20 console;

determine a user type for the new client console based on the identifier; and

generate filtering criteria for the new client console based on the filtering options and the user type.

25 13. The logic of Claim 9, wherein the network management message comprises a response from a command issued by a client, the logic further operable to:

determine a message identifier from the fields;

determine a client identifier associated with the message identifier;

30 identify the client based on the client identifier;

generate a second message comprising the fields and the client identifier; and

communicate the second message to the client.

14. An apparatus for processing a network management message comprising:

means for receiving a network management message;

means for parsing the network management message into a plurality of fields;

5 and

for each of a plurality of client consoles each having filtering criteria, if the fields satisfy the filtering criteria, means for communicating the fields to the client console for display by the client console.

10 15. The apparatus of Claim 14, wherein the filtering criteria comprise a message type and a user type, and the fields satisfy the filtering criteria if a value for a selected one of the fields matches the message type and the user type indicates an authorization to receive the message.

15 16. The apparatus of Claim 14, further comprising:

means for receiving a request from a new client console, the request comprising an identifier for the new client console filtering options selected for the new client console;

15 means for determining a user type for the new client console based on the
20 identifier; and

means for generating filtering criteria for the new client console based on the filtering options and the user type.

25 17. The apparatus of Claim 14, wherein the network management message comprises a response from a command issued by a client, further comprising:

means for determining a message identifier from the fields;

means for determining a client identifier associated with the message
identifier;

means for identifying the client based on the client identifier;

30 means for generating a second message comprising the fields and the client
identifier; and

means for communicating the second message to the client.

18. A communication system comprising:

a client operable to generate a common object request broker architecture (CORBA) command targeted at a network element and to communicate the CORBA command to a server;

- 5 the server operable to receive the CORBA command, to determine fields for a transaction language 1 (TL1) command based on the CORBA command, to generate the TL1 command using the fields, to communicate the TL1 command to the network element, and, for each of a plurality of client consoles each having filtering criteria, if the fields satisfy the filtering criteria, to communicate the fields to the client console
- 10 for display by the client console.

19. A network management client comprising:

a graphical user interface operable to graphically depict a plurality of network elements, to receive a request to generate a network management command to one of the network elements, and to communicate the network management command in a first format to a server; and

a console operable to communicate filtering criteria to a server, to receive the network management command from the server in a second format if the command satisfies the filtering criteria, and to display the network management command in the second format.

20. The network management client of Claim 19, wherein:

the first format is a common object request broker architecture (CORBA) protocol; and

the second format is a transaction language 1 (TL1) network management protocol.